

**REMARKS**

***Status of the Claims***

Claim 1 has been amended to recite “simultaneously genotyping at least 5000 SNPs in said sample using a Whole Genome Sampling Assay (WGSA).” Support for the amendment may be found, e.g., on page 30, lines 6-18.

Claim 1 has also been amended to recite “abnormalities” versus “ab0normalities”.

Applicants assert that no new matter is presented by these amendments and respectfully request entry of the same.

***Rejections under 35 U.S.C. § 103 should be obviated.***

Claims 1, 2, 5-11 are rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Lipshutz (U.S. Application Publication No. 2002/0048749) in view of Bao (USP 6,251,601). Applicants respectfully disagree.

However, for the purpose of expediting the issuance of claims, Applicants have amended the claims to recite “simultaneously genotyping at least 5000 SNPs in said sample using a Whole Genome Sampling Assay (WGSA).” Support for the amendment may be found, e.g., on page 30, lines 6-18.

Applicants reserve the rights to pursue the original claims in a related application.

Applicants respectfully submit that this rejection of Claims 1, 2, 5-11 under 35 U.S.C. 103(a) is obviated by the amendment.

**CONCLUSION**

For these reasons, Applicants believe all pending claims are now in condition for allowance. If the Examiner has any questions pertaining to this application or feels that a telephone conference would in any way expedite the prosecution of the application, please do not hesitate to call the undersigned at (408) 731-5000.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 01-0431.

Applicants respectfully request that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

December 20, 2006

By /Lisa T. Kajisa/  
Lisa T. Kajisa  
Reg. No. 57,516

Attachments

**Customer No.: 22886**  
Legal Department  
Affymetrix, Inc.  
3380 Central Expressway  
Santa Clara, CA 95051